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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/584,710	06/26/2006	Masao Otsuka	Q95056	3837	
23373 7590 10/06/2008 SUGHRUE MION, PLLC 21/00 PENNSYL-VANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20/037			EXAM	EXAMINER	
			BUIE, NI	BUIE, NICOLE M	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Application No. Applicant(s) 10/584,710 OTSUKA ET AL. Office Action Summary Examiner Art Unit NICOLE M. BUIE 1796 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS. WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 11 September 2008. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-5 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) _____ is/are allowed. 6) Claim(s) 1-5 is/are rejected. 7) Claim(s) 1-5 is/are objected to. 8) Claim(s) _____ are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are; a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.

1) Notice of References Cited (PTO-892)

Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO/SE/08)
Paper No(s)/Mail Date ______

Attachment(s)

Interview Summary (PTO-413)
 Paper No(s)/Mail Date.

6) Other:

Notice of Informal Patent Application

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DETAILED ACTION

Response to Amendment

The amendment filed 04/21/2008 has been entered. Claims 1 and 2 remain pending in the application.

Claim Objections

Claims 1-5 are objected to because of the following informalities: the parenthesis surrounding the limitation "wherein...cation" because it is unclear whether the limitations within the parenthesis is part of the claimed invention. Appropriate correction is required.

Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tang (US 6,512,063) in view of Bekele et al. (US 2003/0068346) as evidenced by Jagannath et al. (US 6,767,882) and Pabon et al. (US 6,521,730).

Regarding claims 1 and 2, Tang discloses a process for preparing a fluoropolymer (Abstract) containing at least one kind of fluoroolefin (C2/L28-32), which comprises carrying out polymerization in the presence of a hydrocarbon surfactant (Abstract), wherein said surfactants are linear.

However, Tang does not disclose a branched surfactants. Bekele et al. teaches secondary alkane sulfonates [0102]. Tang and Bekele et al. are analogous art concerned with the same technical difficulty, namely sulfonate surfactants. It would have been obvious to one of ordinary

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skill in the art at the time of invention to substitute a secondary carbonyl group of Bekele et al. with the linear carbonyl group of a sulfonate of Tang, and the motivation to do so would have been as Jagannath et al. suggests to use a surfactant with higher hydrophobicity (C8/L8-21) and hydrophobic fluoromonomers are able to be dissolved as evidenced by Pabon et al. (C2/L10-14).

Regarding claim 3, Tang discloses the alkyl group being from 7 to 18 carbon atoms (Abstract, C2/L5-9).

Regarding claim 4, Tang discloses the process wherein the polymerization is polymerization for preparing a seed particle (C22/L8-9).

Regarding claim 5, Tang discloses the process wherein the fluoroolefin is 1, 1-difluoroethylene ("vinylidene fluoride", C2/L31).

Response to Arguments

Applicant's arguments with respect to claims 1-5 have been considered but are moot in view of the new ground(s) of rejection.

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NICOLE M. BUIE whose telephone number is (571)270-3879. The examiner can normally be reached on Monday-Thursday with alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Eashoo can be reached on (571)272-1197. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mark Eashoo, Ph.D./ Supervisory Patent Examiner, Art Unit 1796 /N. M. B./ Examiner, Art Unit 1796 9/25/2008